

 **PALM INTRANET**Day : Friday  
Date: 9/8/2006  
Time: 15:13:52

## Inventor Information for 10/549294

| Inventor Name           | City          | State/Country |
|-------------------------|---------------|---------------|
| <u>ABE, MITSUGU</u>     | ATSUGI-SHI    | JAPAN         |
| <u>NAMBU, NOBUYOSHI</u> | YOKKAICHI-SHI | JAPAN         |
| <u>ITO, OSAMU</u>       | YOKKAICHI-SHI | JAPAN         |
| <u>OGITSU, MASA AKI</u> | TSUKUBA       | JAPAN         |
| <u>INOMATA, KAZUO</u>   | TOKYO         | JAPAN         |

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity/Reexam](#)[Foreign I](#)

Search Another: Application#

[Search](#)

or Patent#

[Search](#)

PCT / /

[Search](#)

or PG PUBS #

[Search](#)

Attorney Docket #

[Search](#)

Bar Code #

[Search](#)

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

|                         |              |          |    |  |         |   |                                  |
|-------------------------|--------------|----------|----|--|---------|---|----------------------------------|
| US<br>20060189567<br>A1 | US-<br>PGPUB | 20060824 | 35 | Compound having affinity with calcified tissue                                     | 514/54  | 536/53                                  | Kanazashi;<br>Nobuhiko<br>et al. |
| US<br>20060183358<br>A1 | US-<br>PGPUB | 20060817 | 14 | CONNECTOR HAVING A BUILT-IN ELECTRONIC PART  | 439/74  |   | Iida;<br>Mitsuru et<br>al.       |
| US<br>20060174755<br>A1 | US-<br>PGPUB | 20060810 |    | Electric stringed instrument   | 84/724  |   | Ito; Osamu                       |
| US<br>20060157919<br>A1 | US-<br>PGPUB | 20060720 |    | Apparatus for reversing a sheet  | 271/186 |   | Kamata;<br>Tatsuya et<br>al.     |
| US<br>20060090886<br>A1 | US-<br>PGPUB | 20060504 |    | Plate-like heat exchanger  | 165/140 | 165/170                                 | Kamiyama<br>; Naohisa<br>et al.  |
| US<br>20060066786<br>A1 | US-<br>PGPUB | 20060330 |    | Liquid crystal display device  | 349/117 |   | Tanno;<br>Junji et al.           |
| US<br>20060062705<br>A1 | US-<br>PGPUB | 20060323 |    | Catalytic exhaust gas decomposition apparatus and exhaust gas decomposition method | 422/177 |   | Kanno;<br>Shuichi et<br>al.      |
| US<br>20060054000<br>A1 | US-<br>PGPUB | 20060316 |    | Body structure of stringed instrument  | 84/291  |   | Ito; Osamu                       |
| US<br>20060053894<br>A1 | US-<br>PGPUB | 20060316 |    | Pressure sensor  | 73/715  |   | Kunda;<br>Tomohito<br>et al.     |
| US<br>20060041576<br>A1 | US-<br>PGPUB | 20060223 |    | Data processsing deviceand data reception processing device                        | 707/102 |   | Ito; Osamu                       |
| US<br>20060001427<br>A1 | US-<br>PGPUB | 20060105 |    | Magnetic resonance imaging apparatus and magnet apparatus therefor                 | 324/320 |   | Ando;<br>Ryuya et<br>al.         |
| US<br>20050278717<br>A1 | US-<br>PGPUB | 20051215 |    | Mobile communication terminal and application control method                       | 717/173 |   | Asai, Mao<br>et al.              |
| US<br>20050260968<br>A1 | US-<br>PGPUB | 20051124 |    | Demodulating device  | 455/337 | 455/293                                 | Ito, Osamu<br>et al.             |
| US<br>20050245592<br>A1 | US-<br>PGPUB | 20051103 |    | 2-Iminopyrrolidine derivatives   | 514/416 | 514/300<br>;<br>546/113<br>;<br>548/477 | Suzuki,<br>Shuichi et<br>al.     |
| US                      | US-          | 20050901 |    | Superconducting magnet   | 335/296 |   | Watanabe,                        |

|                         |              |          |  |  |         |                                     |                            |
|-------------------------|--------------|----------|--|--|---------|-------------------------------------|----------------------------|
| 20050190030<br>A1       | PGPUB        |          |  | apparatus and magnetic resonance imaging apparatus using the same                                      |         |                                     | Hiroyuki et al.            |
| US<br>20050168100<br>A1 | US-<br>PGPUB | 20050804 |  | Electric motor with commutator, and manufacturing method of armature and starter motor for engine      | 310/233 |                                     | Abe, Mitsutoshi et al.     |
| US<br>20050150348<br>A1 | US-<br>PGPUB | 20050714 |  | Tailpiece of a stringed musical instrument   | 84/299  |                                     | Ito, Osamu                 |
| US<br>20050146407<br>A1 | US-<br>PGPUB | 20050707 |  | Superconducting magnet apparatus and magnetic resonance imaging apparatus using the same               | 335/216 |                                     | Watanabe, Hiroyuki et al.  |
| US<br>20050118850<br>A1 | US-<br>PGPUB | 20050602 |  | Watertight connector   | 439/275 |                                     | Ito, Osamu                 |
| US<br>20050093813<br>A1 | US-<br>PGPUB | 20050505 |  | Illumination device and display device using the same  | 345/102 |                                     | Yamamoto, Tsunenori et al. |
| US<br>20050068139<br>A1 | US-<br>PGPUB | 20050331 |  | Superconducting magnet apparatus   | 335/300 |                                     | Abe, Mitsushi et al.       |
| US<br>20050004204<br>A1 | US-<br>PGPUB | 20050106 |  | 2-Iminopyrrolidine derivatives   | 514/419 | 548/483                             | Suzuki, Shuichi et al.     |
| US<br>20050004197<br>A1 | US-<br>PGPUB | 20050106 |  | 2-iminoimidazole derivatives (2)   | 514/389 | 548/331.5                           | Suzuki, Shichi et al.      |
| US<br>20050002421<br>A1 | US-<br>PGPUB | 20050106 |  | Radio communication system, transmitting apparatus, receiving apparatus, processing method and program | 370/474 | 370/428 ;<br>370/536 ;<br>714/748   | Ito, Osamu et al.          |
| US<br>20040254376<br>A1 | US-<br>PGPUB | 20041216 |  | Cyclic amidine derivative  | 546/207 | 546/223 ;<br>548/557                | Suzuki, Shuichi et al.     |
| US<br>20040242627<br>A1 | US-<br>PGPUB | 20041202 |  | 2-Iminoimidazole derivatives (1)   | 514/303 | 514/394 ;<br>546/118 ;<br>548/309.7 | Suzuki, Shuichi et al.     |
| US<br>20040208802<br>A1 | US-<br>PGPUB | 20041021 |  | Catalytic exhaust gas decomposition apparatus and exhaust gas decomposition                            | 422/177 | 422/171 ;<br>422/173                | Kanno, Shuichi et al.      |

|                         |              |          |  |   |            |   |                                       |
|-------------------------|--------------|----------|--|---|------------|---|---------------------------------------|
|                         |              |          |  | method  |            |   |                                       |
| US<br>20040140682<br>A1 | US-<br>PGPUB | 20040722 |  | Bracket attaching structure   | 296/1.02   |   | Ito, Osamu<br>et al.                  |
| US<br>20040108486<br>A1 | US-<br>PGPUB | 20040610 |  | Composite magnetic material<br>and electromagnetic<br>interference suppressor member<br>using the same  | 252/62.54  | 252/62.<br>55;<br>257/E2<br>3.114                                       | Yoshida,<br>Shigeyoshi<br>et al.      |
| US<br>20040070139<br>A1 | US-<br>PGPUB | 20040415 |  | Apparatus for reversing sheet   | 271/186    |   | Kamata,<br>Tatsuya et<br>al.          |
| US<br>20040047989<br>A1 | US-<br>PGPUB | 20040311 |  | Process for producing metal<br>oxide, target comprising the<br>metal oxide for forming thin<br>metal oxide film, process for<br>producing the same, and<br>process for producing thin<br>metal oxide film | 427/248.1  |   | Saitoh,<br>Hidetoshi<br>et al.        |
| US<br>20040047788<br>A1 | US-<br>PGPUB | 20040311 |  | Carbon monoxide removal from<br>reformat gas  | 423/247    | 422/105<br>;<br>422/110<br>;<br>422/172<br>;<br>422/177                 | Abe,<br>Mitsutaka                     |
| US<br>20040036059<br>A1 | US-<br>PGPUB | 20040226 |  | Process for producing<br>fluorescent metal oxide material   | 252/301.4R |   | Saitoh,<br>Hidetoshi<br>et al.        |
| US<br>20040032823<br>A1 | US-<br>PGPUB | 20040219 |  | Optical disc and its<br>manufacturing method  | 369/286    | 369/288   | Kikuchi,<br>Minoru et<br>al.          |
| US<br>20040011703<br>A1 | US-<br>PGPUB | 20040122 |  | Warm-up device for catalytic<br>reactor   | 208/62     |   | Abe,<br>Mitsutaka                     |
| US<br>20030236071<br>A1 | US-<br>PGPUB | 20031225 |  | System, apparatus, and method<br>for radio communication using<br>a plurality of carriers   | 455/59     | 455/67.<br>11   | Ito, Osamu                            |
| US<br>20030222344<br>A1 | US-<br>PGPUB | 20031204 |  | Semiconductor device having a<br>heat spreader exposed from a<br>seal resin   | 257/738    | 257/684<br>;<br>257/737<br>;<br>257/784<br>;<br>257/786<br>;<br>257/796 | Hosoyama<br>da,<br>Sumikazu<br>et al. |

|                         |              |          |  |  |          |   |                                  |
|-------------------------|--------------|----------|--|--|----------|---|----------------------------------|
|                         |              |          |  |  |          | ; 257/E2<br>3.062;<br>257/E2<br>3.079;<br>257/E2<br>3.092 |                                  |
| US<br>20030161112<br>A1 | US-<br>PGPUB | 20030828 |  | Semiconductor device and<br>method of producing the same   | 361/719  | 257/712<br>;<br>257/E2<br>3.036;<br>257/E2<br>3.092       | Katoh,<br>Yoshitsugu<br>et al.   |
| US<br>20030110920<br>A1 | US-<br>PGPUB | 20030619 |  | String stretching mechanism for<br>stringed instrument   | 84/298   |   | Ito, Osamu<br>et al.             |
| US<br>20030081877<br>A1 | US-<br>PGPUB | 20030501 |  | Optical circuit and<br>manufacturing method of the<br>same   | 385/14   |   | Nakata,<br>Hidehiko<br>et al.    |
| US<br>20030040531<br>A1 | US-<br>PGPUB | 20030227 |  | Remedies for reperfusion injury<br>containing integrin alphanubeta<br>3 antagonist                                 | 514/317  | 514/408<br>;<br>514/534                                   | Fujishima,<br>Kazuyuki<br>et al. |
| US<br>20030025406<br>A1 | US-<br>PGPUB | 20030206 |  | Electrical equipment for<br>mounting on vehicles, electrical<br>machines, and manufacturing<br>methods of the same | 310/45   | 310/89  | Abe,<br>Mitsutoshi<br>et al.     |
| US<br>20020177338<br>A1 | US-<br>PGPUB | 20021128 |  | Lever type connector assembly  | 439/157  |   | Nishide,<br>Satoru et<br>al.     |
| US<br>20020176306<br>A1 | US-<br>PGPUB | 20021128 |  | Semiconductor memory and<br>method of testing<br>semiconductor memory  | 365/226  |   | Abe,<br>Mitsuhiro<br>et al.      |
| US<br>20020155331<br>A1 | US-<br>PGPUB | 20021024 |  | Fuel cell drive system   | 429/19   | 429/20;<br>429/26   | Kamegaya,<br>Shigeru et<br>al.   |
| US<br>20020151276<br>A1 | US-<br>PGPUB | 20021017 |  | Wireless communication device<br>and method therefor   | 455/41.1 | 370/338   | Ito, Osamu                       |
| US<br>20020121174<br>A1 | US-<br>PGPUB | 20020905 |  | Guitar neck attachment<br>structure  | 84/293   |   | Ito, Osamu<br>et al.             |
| US<br>20020046427<br>A1 | US-<br>PGPUB | 20020425 |  | Process for producing an amino<br>acid-N, N-diacetic acid and its<br>salts   | 8/101    | 204/530<br>;<br>204/541<br>;<br>204/544                   | Nambu,<br>Nobuyoshi<br>et al.    |

|                         |              |          |  |  |            |   |                                  |
|-------------------------|--------------|----------|--|--|------------|---|----------------------------------|
|                         |              |          |  |  |            | ; 8/111   |                                  |
| US<br>20020029522<br>A1 | US-<br>PGPUB | 20020314 |  | Hydrogen-rich gas supply<br>device for fuel cell   | 48/61      | 422/187<br>;<br>422/188<br>;<br>422/211<br>;<br>48/76           | Abe,<br>Mitsutaka                |
| US<br>20010052653<br>A1 | US-<br>PGPUB | 20011220 |  | Semiconductor device and<br>method of producing the same   | 257/796    | 257/E2<br>3.101;<br>438/122                                     | Abe,<br>Mitsuo et<br>al.         |
| US<br>20010019983<br>A1 | US-<br>PGPUB | 20010906 |  | Starter device for starting<br>automobile use engine   | 477/34     | 74/502.<br>4  | Yumiyama<br>, Shigeru et<br>al.  |
| US<br>20010003700<br>A1 | US-<br>PGPUB | 20010614 |  | CMP slurry recycling apparatus<br>and method for recycling CMP<br>slurry                               | 451/87     | 451/36;<br>451/41;<br>451/60                                    | Mizuno,<br>Hiroshi et<br>al.     |
| US 7044464<br>B2        | USPAT        | 20060516 |  | Apparatus for reversing sheet  | 271/291    | 271/186<br>;<br>271/65;<br>271/902<br>;<br>399/401              | Kamata;<br>Tatsuya et<br>al.     |
| US 7033550<br>B2        | USPAT        | 20060425 |  | Catalytic exhaust gas<br>decomposition apparatus and<br>exhaust gas decomposition<br>method            | 422/177    | 422/176<br>;<br>588/312<br>;<br>588/406                         | Kanno;<br>Shuichi et<br>al.      |
| US 7033216<br>B2        | USPAT        | 20060425 |  | Watertight connector   | 439/587    | 439/275   | Ito; Osamu                       |
| US 6991663<br>B2        | USPAT        | 20060131 |  | Hydrogen-rich gas supply<br>device for fuel cell   | 48/76      | 429/13;<br>429/22;<br>429/24                                    | Abe;<br>Mitsutaka                |
| US 6972097<br>B2        | USPAT        | 20051206 |  | Composite magnetic material<br>and electromagnetic<br>interference suppressor member<br>using the same | 252/62.54  | 252/62.<br>55;<br>257/E2<br>3.114                               | Yoshida;<br>Shigeyoshi<br>et al. |
| US 6938267<br>B2        | USPAT        | 20050830 |  | Optical disc and fabrication<br>method thereof   | 720/718    | 369/283   | Kikuchi;<br>Minoru et<br>al.     |
| US 6899826<br>B2        | USPAT        | 20050531 |  | Process for producing<br>fluorescent metal oxide material  | 252/301.4R | 252/301<br>.4F;<br>252/301<br>.4P;<br>252/301<br>.5;<br>252/301 | Saitoh;<br>Hidetoshi<br>et al.   |

|                  |       |          |  |  |          |   |                               |
|------------------|-------|----------|--|--|----------|---|-------------------------------|
|                  |       |          |  |  |          | .6F;<br>252/301<br>.6P;<br>252/301<br>.6R   |                               |
| US 6881882<br>B2 | USPAT | 20050419 |  | String stretching mechanism for<br>stringed instrument   | 84/298   |   | Ito; Osamu<br>et al.          |
| US 6875508<br>B1 | USPAT | 20050405 |  | Fiber capable of forming metal<br>chelate, process for producing<br>the same, method of trapping<br>metal ion with the fiber, and<br>metal chelate fiber | 428/375  | 428/364<br>;<br>428/394<br>;<br>428/917<br>;<br>8/115.5<br>1;<br>8/116.1<br>; 8/181;<br>8/196                           | Nambu;<br>Nobuyoshi<br>et al. |
| US 6872317<br>B1 | USPAT | 20050329 |  | Chelate-forming filter, process<br>for producing the same, and<br>method of purifying liquid<br>using the filter   | 210/679  | 210/502<br>.1;<br>210/508<br>;<br>210/681<br>;<br>210/688<br>;<br>210/767   | Nambu;<br>Nobuyoshi<br>et al. |
| US 6869537<br>B1 | USPAT | 20050322 |  | Metal chelate-forming fiber,<br>process for producing the same,<br>method of trapping metal ion<br>with the fiber, and metal chelate<br>fiber            | 210/683  | 210/684<br>;<br>210/685<br>;<br>210/686<br>;<br>210/687<br>;<br>210/688<br>;<br>210/912<br>;<br>210/913<br>;<br>210/914 | Nambu;<br>Nobuyoshi<br>et al. |
| US 6869119<br>B2 | USPAT | 20050322 |  | Bracket attaching structure  | 296/1.02 | 296/187<br>.05  | Ito; Osamu<br>et al.          |
| US 6867830<br>B1 | USPAT | 20050315 |  | Reflection-type color liquid<br>crystal display apparatus  | 349/96   |   | Hirota;<br>Shoichi et         |

|                  |       |          |  |   |         |   |                          |
|------------------|-------|----------|--|---|---------|---|--------------------------|
|                  |       |          |  |   |         |   | al.                      |
| US 6844640<br>B2 | USPAT | 20050118 |  | Electrical equipment for mounting on vehicles, electrical machines, and manufacturing methods of the same | 310/89  | 310/45  | Abe; Mitsutoshi et al.   |
| US 6797338<br>B2 | USPAT | 20040928 |  | Process for producing thin metal oxide film   | 427/561 | 219/121<br>.85;<br>264/6;<br>427/255<br>.32;<br>427/255<br>.36;<br>427/586<br>;<br>427/596<br>;<br>427/597<br>;<br>505/446<br>;<br>505/474  | Saitoh; Hidetoshi et al. |
| US 6796024<br>B2 | USPAT | 20040928 |  | Method for making semiconductor device  | 29/832  | 257/675<br>;<br>257/712<br>;<br>257/E2<br>3.036;<br>257/E2<br>3.092;<br>29/827;<br>29/840;<br>29/841;<br>29/855;<br>361/707<br>;<br>361/719 | Katoh; Yoshitsugu et al. |
| US 6740289<br>B1 | USPAT | 20040525 |  | Method of producing a composite magnetic sheet  | 419/65  | 419/69  | Ono; Norihiko et al.     |
| US 6731561<br>B2 | USPAT | 20040504 |  | Semiconductor memory and method of testing semiconductor memory   | 365/226 | 365/201<br>;<br>714/14  | Abe; Mitsuhiro et al.    |
| US 6707866<br>B1 | USPAT | 20040316 |  | Clock generator, clock generating method, and signal receiver   | 375/354 | 375/376   | Ito; Osamu               |
| US 6664453       | USPAT | 20031216 |  | Guitar neck attachment  | 84/293  | 84/291;   | Ito; Osamu               |



|                  |       |          |  |  |          |   |                                 |
|------------------|-------|----------|--|--|----------|---|---------------------------------|
| B2               |       |          |  | structure  |          | 84/723  | et al.                          |
| US 6621537<br>B1 | USPAT | 20030916 |  | Active matrix liquid crystal display and manufacturing method of the same  | 349/43   | 349/139<br>;<br>349/147<br>;<br>349/149<br>;<br>349/39;<br>438/30   | Nakamura;<br>Nobuhiro<br>et al. |
| US 6607710<br>B1 | USPAT | 20030819 |  | Bisphosphonic acid derivative and compound thereof labeled with radioactive nuclide                              | 424/1.77 | 424/1.1<br>1;<br>424/1.6<br>5;<br>424/9.1                           | Ito; Osamu<br>et al.            |
| US 6602082<br>B2 | USPAT | 20030805 |  | Lever type connector assembly  | 439/157  |   | Nishide;<br>Satoru et<br>al.    |
| US 6589453<br>B1 | USPAT | 20030708 |  | Process for preparing a target for use in the production of a thin metal oxide film                              | 264/6    | 264/115<br>;<br>264/123<br>; 264/5                                  | Saitoh;<br>Hidetoshi<br>et al.  |
| US 6559536<br>B1 | USPAT | 20030506 |  | Semiconductor device having a heat spreading plate   | 257/712  | 257/675<br>;<br>257/713<br>;<br>257/E2<br>3.036;<br>257/E2<br>3.092 | Katoh;<br>Yoshitsugu<br>et al.  |
| US 6548688<br>B1 | USPAT | 20030415 |  | Diammonium ruthenium diethylenethriaminepentaacetate or hydrates thereof and process for the preparation of both | 556/136  |   | Nambu;<br>Nobuyoshi<br>et al.   |
| US 6527931<br>B2 | USPAT | 20030304 |  | Process for producing an amino acid-N, N-diacetic acid and its salts   | 204/530  | 510/375<br>;<br>510/480<br>;<br>510/489<br>;<br>510/490             | Nambu;<br>Nobuyoshi<br>et al.   |
| US 6460428<br>B2 | USPAT | 20021008 |  | Starter device for starting automobile use engine  | 74/502.4 | 74/473.<br>15;<br>74/6  | Yumiyama<br>; Shigeru et<br>al. |
| US 6424032<br>B1 | USPAT | 20020723 |  | Semiconductor device having a power supply ring and a ground ring  | 257/691  | 257/692<br>;<br>257/E2  | Ikemoto;<br>Yoshihiko<br>et al. |

|                  |       |          |  |  |         |   |                                |
|------------------|-------|----------|--|--|---------|---|--------------------------------|
|                  |       |          |  |  |         | 1.512;<br>257/E2<br>3.07;<br>257/E2<br>3.079                                    |                                |
| US 6413151<br>B2 | USPAT | 20020702 |  | CMP slurry recycling apparatus<br>and method for recycling CMP<br>slurry   | 451/41  | 451/285<br>;<br>451/287<br>;<br>451/36;<br>451/453                              | Mizuno;<br>Hiroshi et<br>al.   |
| US 6375504<br>B1 | USPAT | 20020423 |  | Connector and a cap therefor   | 439/596 | 439/701<br>;<br>439/752   | Ito; Osamu<br>et al.           |
| US 6371886<br>B1 | USPAT | 20020416 |  | Controller for automatic<br>transmission   | 477/115 | 477/116<br>;<br>477/77;<br>701/52;<br>701/55                                    | Sawa;<br>Kenji et al.          |
| US 6364703<br>B1 | USPAT | 20020402 |  | Water-proof structure for<br>connector with cable seal   | 439/589 | 439/598   | Ito; Osamu                     |
| US 6334944<br>B1 | USPAT | 20020101 |  | Process for producing an amino<br>acid-N,N-diacetic acid and its<br>salts  | 205/435 |   | Nambu;<br>Nobuyoshi<br>et al.  |
| US 6333564<br>B1 | USPAT | 20011225 |  | Surface mount type<br>semiconductor device and<br>method of producing the same<br>having an interposing layer<br>electrically connecting the<br>semiconductor chip with<br>protrusion electrodes | 257/780 | 257/738<br>;<br>257/E2<br>3.092;<br>257/E2<br>3.124;<br>438/118<br>;<br>438/616 | Katoh;<br>Yoshitsugu<br>et al. |
| US 6331965<br>B1 | USPAT | 20011218 |  | Portable devices and<br>transmitting/receiving systems<br>including the portable devices   | 368/10  | 368/47  | Sato;<br>Yoshinori<br>et al.   |
| US 6307259<br>B1 | USPAT | 20011023 |  | Plastic package for<br>semiconductor device  | 257/691 | 257/698<br>;<br>257/700<br>;<br>257/711<br>;<br>257/773<br>;<br>257/774<br>;    | Asada;<br>Kenji et al.         |

|                  |       |          |  |  |         |   |                               |
|------------------|-------|----------|--|--|---------|---|-------------------------------|
|                  |       |          |  |  |         | 257/780<br>;<br>257/784<br>;<br>257/E2<br>3.07                            |                               |
| US 6288444<br>B1 | USPAT | 20010911 |  | Semiconductor device and<br>method of producing the same                     | 257/712 | 257/675<br>;<br>257/713<br>;<br>257/717<br>;<br>257/E2<br>3.101           | Abe;<br>Mitsuo et<br>al.      |
| US 6241542<br>B1 | USPAT | 20010605 |  | Connector with shorting<br>terminal  | 439/188 | 439/489   | Nishide;<br>Satoru et<br>al.  |
| US 6200481<br>B1 | USPAT | 20010313 |  | Chelate-forming fiber, process<br>for preparing the same, and use<br>thereof | 210/681 | 210/911<br>;<br>8/115.5<br>6;<br>8/181                                    | Nambu;<br>Nobuyoshi<br>et al. |
| US 6194373<br>B1 | USPAT | 20010227 |  | Liquid detergent composition   | 510/405 | 510/337<br>;<br>510/340<br>;<br>510/533                                   | Saito;<br>Makoto et<br>al.    |
| US 6193531<br>B1 | USPAT | 20010227 |  | Lever type connector   | 439/157 | 439/140<br>;<br>439/372   | Ito; Osamu<br>et al.          |
| US 6187201<br>B1 | USPAT | 20010213 |  | System for producing ultra-pure<br>water                                     | 210/652 | 204/529<br>;<br>204/634<br>;<br>210/257<br>.2;<br>210/638<br>;<br>210/900 | Abe;<br>Mitsugu et<br>al.     |
| US 6187120<br>B1 | USPAT | 20010213 |  | Method of manufacturing<br>composite magnetic sheet                          | 156/62  | 156/209<br>;<br>156/219<br>;<br>156/242<br>;<br>156/324                   | Ono;<br>Norihiro et<br>al.    |

|                  |       |          |  |   |         |   |                            |
|------------------|-------|----------|--|---|---------|---|----------------------------|
| US 6169768<br>B1 | USPAT | 20010102 |  | Receiving apparatus and method  | 375/316 | 375/340   | Okada;<br>Takahiro et al.  |
| US 6168863<br>B1 | USPAT | 20010102 |  | Metal chelate-forming fibers, process for producing the same, process for sequestering with the same, and filter produced therefrom | 428/364 | 428/375<br>;<br>428/393<br>; 8/120;<br>8/194;<br>8/196  | Nambu;<br>Nobuyoshi et al. |
| US 6156075<br>A  | USPAT | 20001205 |  | Metal chelate forming fiber, process for preparing the same, and method of metal ion sequestration using said fiber                 | 8/196   | 428/366<br>;<br>8/115.5<br>4;<br>8/115.6<br>5;<br>8/115.6<br>6;<br>8/120;<br>8/181                          | Nambu;<br>Nobuyoshi et al. |
| US 6146200<br>A  | USPAT | 20001114 |  | Connector and a cap therefor  | 439/596 | 439/752   | Ito; Osamu et al.          |
| US 6058409<br>A  | USPAT | 20000502 |  | Computation apparatus and method  | 708/409 | 708/404   | Kozaki;<br>Yasunari et al. |
| US 6037638<br>A  | USPAT | 20000314 |  | Semiconductor memory device   | 257/393 | 257/903<br>;<br>257/904<br>;<br>257/E2<br>1.661;<br>257/E2<br>7.099;<br>257/E2<br>7.101                     | Abe;<br>Mitsuhiro et al.   |
| US 6015596<br>A  | USPAT | 20000118 |  | Fluorine-containing silicon network polymer, insulating coating thereof, and electronic devices therewith                           | 427/489 | 205/414<br>;<br>205/420<br>;<br>257/E2<br>1.26;<br>257/E2<br>1.276;<br>427/376<br>.2;<br>501/88;<br>522/148 | Miwa;<br>Takao et al.      |

|              |       |          |  |   |          |                                  |                           |
|--------------|-------|----------|--|---|----------|----------------------------------|---------------------------|
|              |       |          |  |   |          | ; 528/10; 528/25; 528/39; 528/42 |                           |
| US 5988342 A | USPAT | 19991123 |  | Braking device of a linear motor table  | 192/144  | 188/67                           | Ito; Osamu et al.         |
| US 5957732 A | USPAT | 19990928 |  | Connector   | 439/752  | 439/701                          | Ito; Osamu et al.         |
| US 5950773 A | USPAT | 19990914 |  | Braking apparatus for a linear motion guiding apparatus                             | 188/67   | 188/28                           | Ito; Osamu                |
| US 5916842 A | USPAT | 19990629 |  | Thermal dye transfer sheet and method for thermal dye recording                     | 503/227  | 428/913 ; 428/914                | Morimitsu; Tatsuya et al. |
| US 5910755 A | USPAT | 19990608 |  | Laminate circuit board with selectable connections between wiring layers            | 333/24C  | 333/185 ; 361/278 ; 361/321 .2   | Mishiro; Hidehiro et al.  |
| US 5907739 A | USPAT | 19990525 |  | Image forming apparatus   | 399/26   | 399/24                           | Tsunemi; Takeo et al.     |
| US 5890098 A | USPAT | 19990330 |  | Device and method for performing fast Fourier transform using a butterfly operation | 702/77   | 708/404 ; 708/409                | Kozaki; Yasunari et al.   |
| US 5879201 A | USPAT | 19990309 |  | Connector   | 439/752  |                                  | Fukamachi ; Makoto et al. |
| US 5867532 A | USPAT | 19990202 |  | Data reception apparatus, data transmission apparatus and method thereof            | 375/265  | 375/295 ; 375/341                | Ito; Osamu et al.         |
| US 5830106 A | USPAT | 19981103 |  | Malfunction judgment system of oil temperature sensor for automatic transmission    | 477/98   | 477/906                          | Abe; Mitsutoshi           |
| US 5830002 A | USPAT | 19981103 |  | Connector   | 439/358  |                                  | Ito; Osamu et al.         |
| US 5808925 A | USPAT | 19980915 |  | Arithmetic unit and method for fourier transform                                    | 708/406  |                                  | Ito; Osamu et al.         |
| US 5805485 A | USPAT | 19980908 |  | Arithmetic unit and method for fourier transform                                    | 708/406  | 708/409                          | Ito; Osamu et al.         |
| US 5776989 A | USPAT | 19980707 |  | Method of recycling cured unsaturated polyester resin waste                         | 521/48   | 521/48.5                         | Kubota; Shizuo et al.     |
| US 5774208   | USPAT | 19980630 |  | Coaxial electro-optical distance  | 356/4.01 | 356/5.0                          | Abe;                      |

|                 |       |          |  |   |         |   |  |
|-----------------|-------|----------|--|---|---------|---|--|
| A               |       |          |  | meter   |         | 1;<br>356/5.1   | Mitsutaka                                |
| US 5735706<br>A | USPAT | 19980407 |  | Cramping connector  | 439/402 |   | Ito; Osamu                               |
| US 5726759<br>A | USPAT | 19980310 |  | Image forming apparatus   | 358/296 | 358/519<br>;<br>399/26;<br>399/39   | Watanabe;<br>Yukio et<br>al.             |
| US 5717979<br>A | USPAT | 19980210 |  | Image forming apparatus with<br>AC current controlled contact<br>charging           | 399/50  | 399/174   | Senba,<br>deceased;<br>Hisaaki et<br>al. |
| US 5660555<br>A | USPAT | 19970826 |  | Waterproof connector and<br>method for assembling the<br>same                       | 439/278 | 439/281   | Ito; Osamu<br>et al.                     |
| US 5646850<br>A | USPAT | 19970708 |  | Auto-drive control apparatus<br>for use in vehicle apparatus                        | 701/93  | 123/352<br>;<br>180/179   | Ishida;<br>Akira et al.                  |
| US 5620665<br>A | USPAT | 19970415 |  | Method of recycling<br>unsaturated polyester resin<br>waste and recycling apparatus | 422/135 | 422/131<br>;<br>422/138<br>;<br>521/48.<br>5  | Kubota;<br>Shizuo et<br>al.              |
| US 5616534<br>A | USPAT | 19970401 |  | Sublimation type<br>thermosensitive image transfer<br>recording medium              | 503/227 | 427/146<br>;<br>427/256<br>;<br>428/195<br>.1;<br>428/409<br>;<br>428/913<br>;<br>428/914 | Ito; Osamu<br>et al.                     |
| US 5586387<br>A | USPAT | 19961224 |  | Automated part assembly<br>machine  | 29/703  | 29/720;<br>29/784;<br>29/787;<br>29/795;<br>901/8   | Nakatani;<br>Takuya et<br>al.            |
| US 5573662<br>A | USPAT | 19961112 |  | Apparatus for treatment of low-<br>concentration organic waste<br>water             | 210/188 | 210/192<br>;<br>210/259<br>;<br>210/266<br>;  | Abe;<br>Mitsugu et<br>al.                |

|                 |       |          |  |   |           |   |                                  |
|-----------------|-------|----------|--|---|-----------|---|----------------------------------|
|                 |       |          |  |   |           | 210/900   |                                  |
| US 5556647<br>A | USPAT | 19960917 |  | Encapsulation mold  | 425/127   | 264/272<br>.11;<br>264/272<br>.14;<br>264/328<br>.8;<br>425/116<br>;<br>425/129<br>.1;<br>425/544<br>;<br>425/572<br>;<br>425/588 | Abe;<br>Mitsuhiro<br>et al.      |
| US 5556291<br>A | USPAT | 19960917 |  | Joint connector   | 439/189   | 439/752   | Ito; Osamu                       |
| US 5547437<br>A | USPAT | 19960820 |  | Adaptive pressure control based<br>on difference between target<br>and actual shift times during a<br>shift | 477/143   | 477/155   | Kamada;<br>Shinya et<br>al.      |
| US 5528565<br>A | USPAT | 19960618 |  | Magneto-optic recording<br>system   | 369/13.39 | 360/59  | Watanabe;<br>Isao et al.         |
| US 5506836<br>A | USPAT | 19960409 |  | Orthogonal frequency division<br>multiplex demodulation   | 370/203   | 375/326   | Ikedo;<br>Yasunari et<br>al.     |
| US 5481517<br>A | USPAT | 19960102 |  | Track jump control means for a<br>disk apparatus  | 369/44.28 | 369/44.<br>34   | Yoshimoto<br>; Kyosuke<br>et al. |
| US 5481508<br>A | USPAT | 19960102 |  | Magneto-optic recording<br>medium method of<br>manufacturing the same and<br>magneto-optic recording system | 369/13.39 | 360/59  | Watanabe;<br>Isao et al.         |
| US 5475666<br>A | USPAT | 19951212 |  | Optically modulated<br>overwritable recording device  | 369/47.52 | 369/116<br>;<br>369/13.<br>27;<br>369/47.<br>53;<br>369/53.<br>31   | Ito;<br>Masaya et<br>al.         |
| US 5468780<br>A | USPAT | 19951121 |  | Method of recycling<br>unsaturated polyester resin<br>waste   | 521/48.5  | 525/437<br>;<br>525/438<br>;  | Kubota;<br>Shizuo et<br>al.      |

|                 |       |          |  |   |           |  |                                  |
|-----------------|-------|----------|--|---|-----------|--|----------------------------------|
|                 |       |          |  |   |           | 525/440<br>;<br>528/272<br>;<br>528/275<br>;<br>528/288<br>;<br>528/302<br>;<br>528/303<br>;<br>528/308<br>;<br>528/308<br>.6;<br>528/80;<br>528/83;<br>528/85 |                                  |
| US 5460583<br>A | USPAT | 19951024 |  | Gear shift control system for automatic transmission  | 477/154   | 477/148<br>;<br>477/155  | Kitada;<br>Masahito<br>et al.    |
| US 5438557<br>A | USPAT | 19950801 |  | Optical disk storage which provides pull-in of focus servo and pull-in of tracking servo          | 369/44.32 | 250/201<br>.5;<br>369/44.<br>25;<br>369/44.<br>28  | Ito; Osamu<br>et al.             |
| US 5433676<br>A | USPAT | 19950718 |  | Torque control apparatus for engine and automatic transmission                                    | 477/109   | 477/120<br>;<br>477/904  | Abe;<br>Mitsutoshi<br>et al.     |
| US 5401557<br>A | USPAT | 19950328 |  | Thread-reinforced paper sheet and thread-reinforced gummed tape                                   | 428/110   | 428/154<br>;<br>428/350<br>;<br>428/354<br>;<br>428/535  | Inomata;<br>Kazuo et<br>al.      |
| US 5400120<br>A | USPAT | 19950321 |  | Electrophotographic apparatus   | 399/73    | 358/504<br>;<br>399/46   | Narazaki;<br>Kazushige<br>et al. |
| US 5369628<br>A | USPAT | 19941129 |  | Magneto-optic recording medium, magneto-optic recording system and magneto-optic recording method | 369/13.36 |  | Yoshimoto<br>; Kyosuke<br>et al. |
| US 5355065      | USPAT | 19941011 |  | Adaptive control system   | 318/632   | 318/561  | Narazaki;                        |



|              |       |          |  |   |           |   |                               |
|--------------|-------|----------|--|---|-----------|---|-------------------------------|
| A            |       |          |  |   |           | ; 318/571<br>; 318/601<br>; 318/631<br>; 700/45;<br>700/50;<br>700/53                 | Kazushige et al.              |
| US 5349885 A | USPAT | 19940927 |  | Hydraulic control system for controlling line pressure based on backtorque and throttle rate in an automatic transmission | 477/61    | 477/159<br>; 477/162<br>; 477/69;<br>701/58   | Yoshimura<br>; Hiroshi et al. |
| US 5349136 A | USPAT | 19940920 |  | Mold tool assembly  | 425/121   | 174/536<br>; 249/105<br>; 249/110<br>; 257/E2<br>1.504;<br>264/272<br>.17;<br>425/116 | Abe;<br>Mitsuhiro et al.      |
| US 5327309 A | USPAT | 19940705 |  | Disk drive apparatus with shutter locking mechanism which is preventive of play of disk cartridge in loading condition    | 360/99.02 | 360/99.06   | Takamiya;<br>Tooru et al.     |
| US 5321675 A | USPAT | 19940614 |  | Pit spacing in the servo field of an optical disk for speed and direction detection and data retrieval                    | 369/30.2  | 369/275.4;<br>369/44.26;<br>369/44.28   | Ito; Osamu et al.             |
| US 5315897 A | USPAT | 19940531 |  | Engine speed control system with changing shift-up speed  | 477/98    | 123/333<br>; 477/115<br>; 477/138   | Abe;<br>Mitsutoshi et al.     |
| US 5309692 A | USPAT | 19940510 |  | Method for injecting repairing agent into concrete construction   | 52/742.14 | 405/259.4;<br>405/269   | Hayashi;<br>Yuichiro et al.   |

|                 |       |          |  |   |           |   |                              |
|-----------------|-------|----------|--|---|-----------|---|------------------------------|
|                 |       |          |  |   |           | ; 52/514  |                              |
| US 5309415<br>A | USPAT | 19940503 |  | Information recording method for overwriting a magneto-optic recording medium with two intensities of light beams | 369/13.24 | 360/59  | Takeuchi; Koichi et al.      |
| US 5304654<br>A | USPAT | 19940419 |  | Fluorine-containing nitroimidazole compounds  | 548/327.5 |   | Kagiya; Tsutomu et al.       |
| US 5295415<br>A | USPAT | 19940322 |  | Torque control apparatus for engine and automatic transmission  | 477/102   | 477/109   | Abe; Mitsutoshi et al.       |
| US 5290738<br>A | USPAT | 19940301 |  | Material for nonmagnetic oxide substrate and magnetic head  | 501/104   | 428/813<br>;<br>501/121<br>;<br>501/123<br>;<br>501/136 | Tomishima ; Hiroshi et al.   |
| US 5276574<br>A | USPAT | 19940104 |  | Magnetic head   | 360/126   | 360/122   | Abe; Mitsuo et al.           |
| US 5272684<br>A | USPAT | 19931221 |  | Information recording method and information recording apparatus for magneto-optic recording information medium   | 369/13.24 | 369/275<br>.2   | Takeuchi; Koichi et al.      |
| US 5251194<br>A | USPAT | 19931005 |  | Techniques for controlling beam position and focus in optical disk drives   | 369/44.26 | 369/44.<br>29;<br>369/44.<br>34;<br>369/47.<br>54       | Yoshimoto ; Kyosuke et al.   |
| US 5250988<br>A | USPAT | 19931005 |  | Electrophotographic apparatus having image control means  | 399/42    | 347/116<br>;<br>399/51;<br>399/58                       | Matsuura; Sadahiro et al.    |
| US 5233816<br>A | USPAT | 19930810 |  | Leaf paper bundling apparatus   | 53/588    | 100/27;<br>53/589                                       | Moriya; Koichi et al.        |
| US 5218591<br>A | USPAT | 19930608 |  | Optical disk apparatus for shaping pits recorded on an optical disk   | 369/53.31 | 369/116<br>;<br>369/59.<br>11                           | Shimamoto ; Masayoshi et al. |
| US 5212632<br>A | USPAT | 19930518 |  | Adaptive control system   | 700/31    | 700/44;<br>700/45                                       | Ito; Osamu et al.            |
| US 5204166      | USPAT | 19930420 |  | Thick film resistor composition,  | 428/209   | 252/519   | Ito; Osamu                   |

|                 |       |          |  |   |           |  |   |
|-----------------|-------|----------|--|---|-----------|--|---|
| A               |       |          |  | hybrid IC using the composition, and process for producing the hybrid IC                                  |           | .3;<br>252/519<br>.33;<br>252/519<br>.34;<br>257/E2<br>7.115;<br>428/323<br>;<br>428/328<br>;<br>428/426<br>;<br>428/432<br>;<br>428/688<br>;<br>428/901 | et al.                                  |
| US 5197048<br>A | USPAT | 19930323 |  | Magneto-optic recording medium, magneto-optic recording system and magneto-optic recording method         | 369/13.02 | 360/59   | Yoshimoto<br>; Kyosuke<br>et al.        |
| US 5196915<br>A | USPAT | 19930323 |  | Semiconductor device  | 257/379   | 252/520<br>.2;<br>252/521<br>.3;<br>257/536<br>;<br>338/224<br>;<br>338/333  | Ito; Osamu<br>et al.                    |
| US 5185746<br>A | USPAT | 19930209 |  | Optical recording system with error correction and data recording distributed across multiple disk drives | 714/770   | 360/22;<br>714/764<br>;<br>714/765<br>;<br>714/766   | Tanaka;<br>Kunimaro<br>et al.           |
| US 5175585<br>A | USPAT | 19921229 |  | Electrophotographic copier having image density control   | 399/49    | 399/74;<br>706/62  | Matsubaya<br>shi;<br>Shigeaki et<br>al. |
| US 5172364<br>A | USPAT | 19921215 |  | Magneto-optic recording apparatus with controlled magnetic field generation                               | 369/100   | 369/13.<br>14  | Yoshimoto<br>; Kyosuke<br>et al.        |
| US 5163150<br>A | USPAT | 19921110 |  | Information processor performing interrupt operation  | 710/261   |  | Matsushim<br>a; Osamu                   |

|              |       |          |  |   |           |   |                           |
|--------------|-------|----------|--|---|-----------|---|---------------------------|
|              |       |          |  | without saving contents of program counter  |           |   | et al.                    |
| US 5159688 A | USPAT | 19921027 |  | Information processor performing interrupt operation in two modes   | 710/261   |   | Matsushima; Osamu et al.  |
| US 5157526 A | USPAT | 19921020 |  | Unabsorbing type polarizer, method for manufacturing the same, polarized light source using the same, and apparatus for liquid crystal display using the same | 349/96    | 349/6;<br>349/62;<br>349/63;<br>359/487;<br>359/488;<br>359/495;<br>359/497 | Kondo; Katsumi et al.     |
| US 5153879 A | USPAT | 19921006 |  | Optical recording system  | 714/701   | 369/59.25;<br>369/59.26   | Tanaka; Kunimaro et al.   |
| US 5133232 A | USPAT | 19920728 |  | Control system for continuously operating transmission according to required acceleration   | 477/65    | 192/3.29;<br>192/3.3;<br>477/120;<br>477/62;<br>477/905                     | Kikuchi; Toshiyuki et al. |
| US 5128916 A | USPAT | 19920707 |  | Optical disc with alternating servo patterns and driving apparatus therefor   | 369/44.26 | 369/275.3;<br>369/44.28;<br>369/53.29                                       | Ito; Osamu et al.         |
| US D327469 S | USPAT | 19920630 |  | Electrical connector housing  | D13/147   |   | Moriai; Yasuharu et al.   |
| US D327252 S | USPAT | 19920623 |  | Inner housing for an electrical connector   | D13/147   |   | Moriai; Yasuharu et al.   |
| US D327251 S | USPAT | 19920623 |  | Inner housing of an electrical connector  | D13/147   |   | Moriai; Yasuharu et al.   |
| US D327250 S | USPAT | 19920623 |  | Inner housing for an electrical connector   | D13/147   |   | Moriai; Yasuharu et al.   |
| US D326644   | USPAT | 19920602 |  | Inner housing of an electrical  | D13/147   |   | Moriai;                   |

|              |       |          |  |   |            |   |                           |
|--------------|-------|----------|--|---|------------|---|---------------------------|
| S            |       |          |  | connector   |            |   | Yasuharu et al.           |
| US 5117412 A | USPAT | 19920526 |  | Optical disc with servo pattern providing enhanced reliability of servo clock detection and apparatus for accessing the optical disc                            | 369/109.02 | 369/124.05;<br>369/124.14;<br>369/275.3;<br>369/47.3;<br>369/47.4;<br>369/47.49 | Ito; Osamu et al.         |
| US 5115757 A | USPAT | 19920526 |  | Clip-carrying bookmark  | 116/237    | 116/239;<br>242/385.4;<br>242/404.2   | Abe; Mitsuhiro            |
| US 5094127 A | USPAT | 19920310 |  | Adaptive control system for vehicles  | 477/108    | 477/903   | Ishida; Akira et al.      |
| US 5073885 A | USPAT | 19911217 |  | Optical memory disc driving apparatus   | 369/44.28  | 369/44.29;<br>369/44.36;<br>369/53.29   | Ito; Osamu et al.         |
| US 5072630 A | USPAT | 19911217 |  | Control system for vehicle with automatic transmission with engine torque control having the hydraulic fluid temperature as a control parameter during shifting | 477/98     | 477/101;<br>477/106;<br>477/109   | Kikuchi; Toshiyuki et al. |
| US 5070492 A | USPAT | 19911203 |  | Signal decoding apparatus and method  | 369/47.28  | 369/59.2  | Ogawa; Masaharu et al.    |
| US 5069676 A | USPAT | 19911203 |  | Sanitary article  | 604/358    | 604/368;<br>604/378;<br>604/380   | Ito; Osamu et al.         |
| US 5067038 A | USPAT | 19911119 |  | Rotary magnetic head device having two different kinds of heads   | 360/271.5  | 360/85  | Tsuchiya; Toshio et al.   |
| US 5063546   | USPAT | 19911105 |  | Optic disc with servo pattern   | 369/30.17  | 369/275   | Ito; Osamu                |

|                 |       |          |  |   |           |  |                               |
|-----------------|-------|----------|--|---|-----------|--|-------------------------------|
| A               |       |          |  | and apparatus for accessing the optical disc  |           | .3;<br>369/44.<br>26;<br>369/44.<br>28;<br>369/47.<br>49;<br>369/53.<br>25 | et al.                        |
| US 5036728<br>A | USPAT | 19910806 |  | Engine control system for vehicle with automatic transmission                                   | 477/109   | 477/107<br>;<br>477/54;<br>477/98  | Kawasoe;<br>Satoru et al.     |
| US 5036458<br>A | USPAT | 19910730 |  | Information processor executing interruption program without saving contents of program counter | 712/244   | 710/261<br>;<br>712/228  | Matsushim<br>a; Osamu et al.  |
| US D316846<br>S | USPAT | 19910514 |  | Electrical connector housing  | D13/147   |  | Moriai;<br>Yasuharu et al.    |
| US 5016089<br>A | USPAT | 19910514 |  | Substrate for hybrid IC, hybrid IC using the substrate and its applications                     | 257/750   | 257/904<br>;<br>257/E2<br>3.075;<br>257/E2<br>5.029                        | Fujii;<br>Mituru et al.       |
| US 5012695<br>A | USPAT | 19910507 |  | Gear-shifting shock suppressing system for automatic transmission vehicle                       | 477/102   | 477/110  | Kyohzuka;<br>Takahiro et al.  |
| US D316400<br>S | USPAT | 19910423 |  | Outer housing of electrical connector   | D13/133   |  | Moriai;<br>Yasuharu et al.    |
| US D316246<br>S | USPAT | 19910416 |  | Electrical connector assembly   | D13/133   |  | Moriai;<br>Yasuharu et al.    |
| US D316078<br>S | USPAT | 19910409 |  | Electrical connector assembly   | D13/133   |  | Moriai;<br>Yasuharu et al.    |
| US 5005249<br>A | USPAT | 19910409 |  | Vehicle windshield wiper  | 15/250.27 | 15/250.<br>29;<br>15/250.<br>3   | Nishizawa;<br>Kazunori et al. |
| US 4998051<br>A | USPAT | 19910305 |  | Adaptive control system   | 318/632   | 318/561<br>;<br>318/568<br>.22;  | Ito; Osamu                    |

|                 |       |          |  |  |           |  |                                 |
|-----------------|-------|----------|--|--|-----------|--|---------------------------------|
|                 |       |          |  |  |           | 318/571<br>;<br>318/631<br>;<br>700/30;<br>700/45;<br>700/55;<br>901/9 |                                 |
| US 4993283<br>A | USPAT | 19910219 |  | Engine control system for vehicle with automatic transmission                        | 477/96    | 477/102<br>;<br>477/109  | Kikuchi;<br>Toshiyuki<br>et al. |
| US 4982685<br>A | USPAT | 19910108 |  | Clip-carrying bookmarker   | 116/237   | 116/239<br>;<br>281/42;<br>40/514                                      | Abe;<br>Mitsuhiko               |
| US 4977273<br>A | USPAT | 19901211 |  | Fluorine-containing 2-nitroimidazole derivatives                                     | 548/327.5 |  | Kagiya;<br>Tsutomu et al.       |
| US 4931983<br>A | USPAT | 19900605 |  | Data processor capable of accessing the content of internal counters at a high speed | 377/16    |  | Abe;<br>Mitsue                  |
| US 4927941<br>A | USPAT | 19900522 |  | Fluorine-containing nitroazole derivatives and radiosensitizer comprising the same   | 548/264.8 | 546/210  | Kagiya;<br>Tsutomu et al.       |